

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	297	(US-20080038406-\$ or US-20020127704-\$ or US-20060172376-\$ or US-20050252858-\$ or US-20090065444-\$ or US-20010049132-\$ or US-20030203069-\$ or US-20070009631-\$ or US-20020142364-\$ or US-20040053410-\$ or US-20040102328-\$ or US-20060251633-\$ or US-20080187981-\$ or US-20090325144-\$ or US-20040175780-\$ or US-20050095318-\$ or US-20070148755-\$ or US-20020162141-\$ or US-20030032149-\$ or US-20040115766-\$ or US-20050221417-\$ or US-20070178446-\$ or US-20080261264-\$ or	US-PGPUB; USPAT	OR	ON	2010/01/07 10:13

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S2	26	S1 (tangential)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 10:39
S3	432	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 10:53
S4	118	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure) (recirculation)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 10:53
S5	142	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure)(viab\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:06
S6	0	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure)(viab\$5)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/07 11:06
S7	101	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure)(surviv\$6)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:07
S8	47	((cross)adj(flow))(bacteri \$3)(flux)(permeat\$3) (pressure)(surviv\$6)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:09
S9	47	((cross)adj(flow))(bacteri \$3)(flux)(permeat\$3) (pressure)(surviv\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/07 11:09
S10	0	(tangential)(bacteri\$3) (flux)(permeat\$3) (pressure)(surviv\$6)	EPO; JPO; DERWENT	AND	ON	2010/01/07 11:09

S11	1103	426/61.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 11:11
S12	5	426/61.ccls. (tangential)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:11
S13	13	("4477471"   "4599313"   "4716115" "4728516"   "4740593"   "4871539" "4918014"   "4956177"   "5066588" "5139950"   "5218101").PN. OR ("5348881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 11:11
S14	652	"426".clas.(tangential)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:12
S15	210	"426".clas.(tangential) ((filter)or(filtration))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 11:14
S16	5547	(acid)(tolera\$5)(batch) (ferment\$6)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/08 14:49
S17	72	(acid)(tolera\$5)(batch) (ferment\$6)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/08 14:49
S18	28	(acid)(tolera\$5)(batch) (ferment\$6)(bacteria)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/08 14:50
S19	3	((acid)near(tolera\$5)) (batch)(ferment\$6) (bacteria)(acid)(tolera \$5)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/08 14:51

S20	143	((acid)near(tolera\$5)) (batch)(ferment\$6) (bacteria)(acid)(tolera\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/08 14:51
S21	215	((acid)near(tolera\$5)) (propagat\$6)(bacteria) (acid)(tolera\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/08 16:01
S22	229	((acid)near(tolera\$5)) (continuous)(ferment\$6) (bacteria)(acid)(tolera\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/08 16:13
S23	31	((acid)near(tolera\$5)) ((continuous)near(ferment\$6))(bacteria) (acid)(tolera\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/08 16:13
S24	19	"474,608"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/08 16:15
S25	3	"9919503"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/08 16:16
S26	0	((produc\$3)near(acid) near(tolerant)near(bacteria))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/01/08 16:18

S27	58	(produc\$3)((acid)near (tolerant)near (bacteria))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/01/08 16:18
S28	0	(produc\$3)((acid)near (adapt\$3)near (bacteria))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/01/08 16:19
S29	276	(produc\$3)(acid) (tolerant)(bacteria)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/01/08 16:20
S30	83	(produc\$3)(acid) (tolerant)(bacteria)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	ON	2010/01/08 16:20
S31	11149	((tangential)or((cross) adj(flow)))((filtration)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 16:38
S32	30123	((tangential)or((cross) adj(flow)))((filtration)or (filter))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 16:39
S33	50	((tangential)or((cross) adj(flow)))((filtration)or (filter))((bacteria)near (viable))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 16:39
S34	4774	((tangential)or((cross) adj(flow)))((filtration)or (filter))(bacteria)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 16:40

S35	5	((tangential)or((cross)adj(flow)))((filtration)or(filter))(bacteria)(permeate)((surface)near(exchange))(recirculation)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 16:41
S36	26	((tangential)or((cross)adj(flow)))((filtration)or(filter))(bacteria)((surface)near(exchange))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 17:16
S37	11	((tangential)or((cross)adj(flow)))((filtration)or(filter))(bacteria)((volumetric)near(flux))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 17:17
S38	32	((tangential)or((cross)adj(flow)))((volumetric)near(flux))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 17:23
S39	282	((tangential)or((cross)adj(flow)))((permeate)near(rate))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 17:38
S40	2	((tangential)or((cross)adj(flow)))((permeate)near(rate))((surface)near(exchange))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/09 17:40
S41	10795	(recirculation)(rate)(surface)(exchange)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 07:30

S42	417	(recirculation)(rate) (surface)(exchange)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/11 07:31
S43	20	(recirculation)(rate) (surface)(exchange)	US-PGPUB; USPAT; USOCR	WITH	ON	2010/01/11 07:31
S44	91	((recirculation)near (rate))((surface)near (exchange))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 07:32
S45	3088	((recirculation)adj (rate))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 07:34
S46	506	((recirculation)adj(rate)) (filtration)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 07:35
S47	861	bacteria(flexible) (hermetic)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 08:46
S48	394	bacteria(flexible) (hermetic)(bag)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 08:47
S49	7	bacteria(flexible) (hermetic)(bag)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/11 08:47
S50	9	bacteria(flexible) ((hermetic)near(bag))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 08:47
S51	55	(flexible)((hermetic)near (bag))	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/11 08:48
S52	23	(flexible)((hermetic)near (bag))	US-PGPUB; USPAT; USOCR	SAME	ON	2010/01/11 08:48
S53	0	"20041075407"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:04
S54	0	"20041075407"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:05



S55	1	"20040175407"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:05
S56	34	"2364049"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:06
S57	58	"3228838"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:06
S58	1	"20040115308"	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/11 10:07
S59	1061	(recirculation)(medium) (bacteria)(concentrate)	US-PGPUB; USPAT; USOCR	AND	ON	2010/09/18 10:11
S60	9	(recirculation)(medium) (bacteria)(concentrate)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/09/18 10:11
S61	176	(recirculation)(medium) (bacteria)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/09/18 10:14
S62	208	((recirculation)or((filter near(efficiency))) (medium)(bacteria)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/09/18 10:16
S63	2243	(tangential)(viabil\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 15:50
S64	88	(tangential)(viabil\$4)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/03 15:51
S65	55	((tangential)near(flow)) (viabil\$4)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/03 15:51
S66	0	((tangential)near (microfiltration))(viabil \$4)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/03 15:52

S67	34	((tangential)near (microfiltration))((viabil \$4)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 15:52
S68	62	((tangential)near (microfiltration))((viabil \$4)or(viable))(cell)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 15:53
S69	52	((tangential)near (microfiltration))(((viabil \$4)or(viable))near3 (cell))	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 15:53
S70	0	((tangential)near (microfiltration))(((viabil \$4)or(viable))near3 (cell))	EPO; JPO; DERWENT	AND	ON	2011/05/03 16:00
S71	0	((tangential)near (microfiltration))((viabil \$4)or(viable))(cell)	EPO; JPO; DERWENT	AND	ON	2011/05/03 16:00
S72	62	((tangential)near (microfiltration))((viabil \$4)or(viable))(cell)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:00
S73	72	((tangential)near (microfiltration))((viabil \$4)or(viable)or(live)) (cell)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:01
S74	59	((tangential)near (microfiltration))((viabil \$4)or(viable)or(live)) (bacteria)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:02

S75	1022	((tangential)near (filtration))((viabil\$4)or (viable)or(live)) (bacteria)	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:02
S76	2	((tangential)near (filtration))((viabil\$4)or (viable)or(live)) (bacteria)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/05/03 16:02
S77	25	((tangential)near (filtration))(((viabil\$4)or (viable)or(live))near (bacteria))	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:05
S78	42	((tangential)near (filtration))(((viabil\$4)or (viable)or(live))near4 (bacteria))	US-PGPUB; USPAT; USOCR	AND	ON	2011/05/03 16:06

## EAST Search History (Interference)

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**5/4/2011 3:03:48 PM**

**C:\Documents and Settings\fkking\My Documents\EAST\Workspaces\10590658 method for making a liquid concnetrate of Food-grade acclimated and viable bacteria.wsp**